| Electronic Acknowledgement Receipt   |   |  |  |  |
|--------------------------------------|---|--|--|--|
| EFS ID:                              | 1987016   |  |  |  |
| Application Number:                  | 10764058  |  |  |  |
| International Application Number:    |   |  |  |  |
| Confirmation Number:                 | 7619  |  |  |  |
| Title of Invention:                  | MEMBRANE CONTACTOR APPARATUS INCLUDING A MODULE HAVING HOLLOW FIBER MEMBRANES |  |  |  |
| First Named Inventor/Applicant Name: | Dennis Williams   |  |  |  |
| Customer Number:                     | 30764   |  |  |  |
| Filer:                               | James R. Brueggemann/Shelia Kemp  |  |  |  |
| Filer Authorized By:                 | James R. Brueggemann  |  |  |  |
| Attorney Docket Number:              | 0JFM-103198   |  |  |  |
| Receipt Date:                        | 18-JUL-2007   |  |  |  |
| Filing Date:                         | 23-JAN-2004   |  |  |  |
| Time Stamp:                          | 19:08:16  |  |  |  |
| Application Type:                    | Utility under 35 USC 111(a)   |  |  |  |

# Payment information:

| Submitted with Payment                   | yes    |
|--|--------|
| Payment was successfully received in RAM | \$1000 |
| RAM confirmation Number                  | 2797   |
| Deposit Account                          | 191853 |

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 and 1.17

## File Listing:

| Document<br>Number            | Document Description | File Name                                    | File Size(Bytes)<br>/Message Digest | Multi<br>Part /.zip | Pages<br>(if appl.) |
|-------------------------------|----------------------|--|-------------------------------------|---------------------|---------------------|
| 1 Issue Fee Payment (PTO-85B) | 103198-IssueFee.pdf  | 215280                                       | no                                  | 1                   |                     |
|                               |                      | 9a7e9c0bae160fa724da2a6e312fd861<br>566561d5 |                                     |                     |                     |
| Warnings:                     |                      |  |                                     |                     |                     |
| Information                   |                      |  |                                     |                     |                     |
| 2 Fee Worksheet (PTO-06)      | fee-info.pdf         | 8328   | no                                  | 2                   |                     |
|                               |                      | d6acfbce58e15b902023d16786ff2be08<br>5964e35 |                                     |                     |                     |
| Warnings:                     |                      |  |                                     |                     |                     |
| Information                   |                      |  |                                     |                     |                     |
|                               |                      | Total Files Size (in bytes):                 | 223608                              |                     |                     |

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#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.